

Message Text

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E.O. 11652:

TAGS: MPOL, NATO

SUBJECT: MEETING OF GROUP ON FORCE DATA MANAGEMENT AND
ANALYSIS

REFS: A. USNATO 918 DTG 191855Z FEB 76; B. DRC(FDMA)N(76)3
DATED 23 FEB 76; C. USNATO 2006 DTG 121800Z APR 76

1. OUR COMMENTS ON THE AGENDA GIVEN IN REFERENCE C FOR
THE 4-6 MAY 76 MEETING OF THE GROUP ON FORCE DATA
MANAGEMENT AND ANALYSIS (FDMA) ARE FURNISHED BELOW.

2. THE US CONTINUES TO HAVE RESERVATIONS ON THE S.A.S.
PROPOSAL FOR DESIGN OF THE NEW FORCE PLANNING DATA BASE
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(FPDB) ESPECIALLY SINCE FINAL DECISION SHOULD TAKE INTO

ACCOUNT NOT ONLY THE TYPE OR SIZE OF COMPUTER TO BE UTILIZED, BUT MORE IMPORTANTLY THE DESIRED CATEGORIZATION OF DATA ELEMENTS. FOR THE NEXT MEETING, WE RECOMMEND A SHIFT IN EMPHASIS TO DISCUSSION OF DATA ELEMENTS WITH PARTICULAR FOCUS ON UNIT TYPES, UNIT EQUIPMENT AND PERSONNEL, I.E., PARAGRAPHS 5.1 AND 5.2 OF REFERENCE B. HOPEFULLY, THIS DISCUSSION WILL ALSO PROVIDE INSIGHT TOWARD THE DEVELOPMENT OF A MORE EFFICIENT DATA BASE DESIGN.

3. THEREFORE, WE RECOMMEND THAT ITEM VII OF REFERENCE C BE CHANGED TO READ AS FOLLOWS:

VII. REDESIGN OF NATO FPDB

1. DATA CONTENT

- (A) GENERAL
- (B) UNIT CATEGORY
- (C) UNIT TYPE
- (D) ORGANIZATION
- (E) EQUIPMENT
- (F) PERSONNEL
- (G) EQUIPMENT CHARACTERISTICS

2. SYSTEM REQUIREMENTS

4. THERE IS A GREAT NEED IN MBFR AND FORCE ANALYSES TO DESCRIBE FORCE ELEMENTS IN A COMPARABLE WAY RATHER THAN ACCORDING TO INDIVIDUAL SERVICE AND NATIONAL TRADITIONS. ELEMENTS SHOULD BE CATEGORIZED ACCORDING TO FUNCTION. FOR EXAMPLE, ALL UNITS HAVING AN ANTI-AIR FUNCTION REGARDLESS OF SERVICE SHOULD BE INCLUDED IN THE SAME CATEGORY. WITH THIS IN MIND, THE FOLLOWING RECOMMENDED CHANGES TO REFERENCE B ARE OFFERED:

A.5.1.4. UNIT CATEGORY CODE: DELETE ALL DATA ITEMS AND SUBSTITUTE QTE FIREPOWER DELIVERY UNQTE AND QTE OTHER UNQTE.

REASON: THE DISTINCTION BETWEEN COMBAT, COMBAT SUPPORT, UNCLASSIFIED

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AND SERVICE SUPPORT UNITS VARIES AMONG SERVICES, NATO COMMANDS AND NATIONS. MANY TIMES THE DISTINCTION IS TIED TO TRADITIONS OR POLITICAL FACTORS RATHER THAN MILITARY JUDGMENT. IT HAS BEEN OUR EXPERIENCE THAT ANALYSTS UNIQUELY DEFINE THESE CATEGORIES DIFFERENTLY ACCORDING TO THE PURPOSE OF THE STUDY. IT IS NOT CLEAR THAT THE NFPDB IS THE PROPER VEHICLE TO ATTEMPT SUCH CATEGORIZATION. IT IS DOUBTFUL THAT IT COULD EASILY BE

ACHIEVED, THAT THE RESULTS OF THE WORK WOULD BE
UNIVERSALLY ACCEPTED, OR THAT THE DEFINITIONS COULD BE
APPLIED CONSISTENTLY THROUGH THE FORCES. THOSE UNITS
THAT PLACE FIRES ON THE ENEMY ARE EASIEST TO DISTINGUISH
FROM ALL OTHERS. ALSO, THIS PARTITION IS OF MOST
INTEREST TO WAR GAMERS AND FORCE ANALYSTS.

B.5.1.5. UNIT TYPE CODES -- DELETE 5.1.5.1.GROUND
FORCES UNIT TYPES, 5.1.5.2. NAVAL FORCES UNIT TYPES AND
5.1.5.3. AIR FORCES UNIT TYPES AND SUBSTITUTE:

--- 5.1.5.1. FIREPOWER DELIVERY

--- ANTI-AIR

----- AIR-TO-AIR

----- SURFACE-TO-AIR

--- ANTI-SHIP

----- AIR-TO-SURFACE

----- SURFACE-TO-SURFACE

----- SUBSURFACE-TO-SURFACE

--- ANTI-SUBMARINE

----- AIR-TO-SUBSURFACE

----- SURFACE-TO-SUBSURFACE

----- SUBSURFACE-TO-SUBSURFACE

--- GROUND GAINING

----- ARMORED

----- INFANTRY

--- TACTICAL FIRE SUPPORT

-----AIR-TO-SURFACE

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-----SURFACE-TO-SURFACE

--- STRATEGIC BOMBARDMENT

----- AIR-TO-SURFACE

----- SURFACE-TO-SURFACE

----- SUBSURFACE-TO-SURFACE

--- 5.1.5.2. OTHER

-----ADMINISTRATIVE

-----AUTOMATED DATA PROCESSING

-----BARRIER

-----BRIDGING

-----COVER

-----COMMAND AND CONTROL

-----CONSTRUCTION
-----COMMUNICATION
-----CIVIL AFFAIRS
-----DEMOLITIONS
-----ENVIRONMENTAL
-----EQUIPMENT ACQUISITION
-----FACILITIES SUPPORT
-----INTELLIGENCE
-----MEDICAL
-----MILITARY ASSISTANCE
-----MAINTENANCE

TRAINING
-----TRANSPORTATION
-----SECURITY
-----SUPPLY
-----SURVEILLANCE

REASON: UNITS SHOULD BE DESCRIBED ACCORDING TO FUNCTION
AND IDENTIFIED IN THE SAME MANNER IN EACH SERVICE.

(C) 5.1.6.1. GROUND FORCE ORGANIZATION - CHANGE TITLE
TO "UNIT LEVEL EQUIVALENCY" AND EXPAND ACE UNIT LEVEL
EQUIVALENCY TABLE TO INCLUDE ALL SERVICES AND ORGANIZA-
TIONAL LEVEL. (SEE ACE DIRECTIVE NO. 80-20, 15 SEPT 75).

REASON: CLARITY
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(D) 5.2. EQUIPMENT CODES - CHANGE SUBDIVISIONS TO:

5.2.1. GROUND EQUIPMENT, 5.2.2. SEAFARING EQUIPMENT,
5.2.3. AIR EQUIPMENT AND PUT PERSONNEL UNDER SEPARATE
CATEGORY, E.G., 5.5. PERSONNEL.

REASON: EQUIPMENT SHOULD BE CATEGORIZED BY FUNCTION IN
ORDER TO ASSURE COMPARABILITY ACROSS SERVICE AND NATIONAL
LINES, E.G., SAM MISSILES SHOULD BE AGGREGATED TOGETHER
WHETHER OR NOT THEY BELONG TO ARMY, AIR FORCE OR MISSILE
DEFENSE FORCES.

PERSONNEL SHOULD BE TREATED SEPARATELY. (SEE NEXT
COMMENT).

(E) 5.2.1.1.1., 5.2.1.2.1., 5.2.1.3.1., 5.2.2.1.1.,
5.2.3.2.1., AND 5.2.2.3.1. PERSONNEL - COMBINE UNDER ONE
CATEGORY, 5.5 AND REPLACE PROPOSED SUBDIVISIONS WITH THE
FOLLOWING: MILITARY, PARAMILITARY AND CIVILIANS.

REASON: PERSONNEL AGGREGATIONS SHOULD BE THE SAME FOR
ALL FORCES. MORE DETAILED BREAKOUT IS NOT NEEDED FOR
FORCE PLANNING. COST OF PROVIDING MORE DETAILED DATA IS
GREAT IN COMPARISON TO ITS UTILITY.

(F) 5.2.1.1.2. SMALL ARMS - DELETE SUBDIVISION "PISTOLS."
REASON: PISTOLS HAVE LITTLE IMPACT ON FORCE CAPABILITIES.
ADD "GRENADE LAUNCHERS" SUBDIVISION.

REASON: GRENADE LAUNCHERS ARE IDENTIFIED SEPARATELY IN WAR GAMES.

(G) 5.2.1.1.3. FIELD ARTILLERY - NO CHANGE.

(H) 5.2.1.1.4. MORTARS - ADD "MAN PORTABLE" SUBDIVISION.

REASON: SIGNIFICANT QUANTITIES ARE NEITHER TOWED OR SELF PROPELLED.

(I) 5.2.1.1.5. ANTI-TANK WEAPONS - ADD "MULTIPLE SYSTEMS" AND "HELICOPTER/MISSILE" SUBDIVISIONS. REASON: SIGNIFICANT INFLUENCE ON FORCE CAPABILITY.

(J) 5.2.1.1.6. ANTI-AIRCRAFT WEAPONS - CHANGE THE WORDS "LIGHT" AND "ARTY" TO "MAN PORTABLE" AND "GUN." REASON: CLARITY

(K) 5.2.1.1.7. TANKS - NO CHANGE

(L) 5.2.1.1.8. ARMORED PERSONNEL CARRIERS - NO CHANGE

(M) 5.2.1.1.9. OTHER ARMORED VEHICLES - ADD "COMMAND WHEELED" AND "COMMAND TRACKED" SUBDIVISIONS.

REASON: COMMAND VEHICLES SHOULD BE DIFFERENTIATED IN FORCE ANALYSIS.

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(N) 5.2.1.1.10. TRANSPORT/SUPPORT VEHICLES - ADD "TRACKED VEHICLE/GENERAL PURPOSE," "TRACKED VEHICLE/SPECIAL PURPOSE," "POL TANKER/SELF PROPELLED" AND "POL CARRIER/TOWED" SUBDIVISIONS. REASON: CAPABILITY OF THESE VEHICLES GREATLY AFFECTS FORCE CAPABILITIES.

(O) 5.2.1.1.11. ENGINEERING EQUIPMENT/VEHICLES - REPLACE "FIELD ENGINEERING EQUIPMENT" AND "SPECIAL ENGINEERING VEHICLES" SUBDIVISIONS WITH "MINE LAYING/REMOVAL EQUIPMENT." REASON: REDUCE ITEMS TO ONLY THAT WHICH IS SIGNIFICANT FOR FORCE ANALYSIS.

(P) 5.2.1.1.12., 5.2.1.2.5., 5.2.1.3.3., 5.2.2.1.12., 5.2.2.2.5. AND 5.2.2.3.3. AIR VEHICLES - COMBINE UNDER ONE CATEGORY, 5.2.3. AND REPLACE PROPOSED SUBDIVISIONS WITH THE FOLLOWING:

5.2.3.1. FIXED WING

ANTI-SUBMARINE WARFARE

ATTACK

ATTACK/RECCE

MEDIUM RANGE BOMBER

INTERMEDIATE RANGE BOMBER

LONG RANGE BOMBER

COMMAND, CONTROL, COMMUNICATION

ELECTRONIC WARFARE

FIGHTER

FIGHTER-BOMBER

LIAISON

MARITIME PATROL

OBSERVATION
RECONNAISSANCE
SEARCH/RESCUE
REFUELING
TRAINER-OPERATIONAL

TRAINER-BASIC
SHORT RANGE TRANSPORT
MEDIUM RANGE TRANSPORT
LONG RANGE TRANSPORT
UTILITY
OTHER
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5.2.3.2. ROTARY WING AIRCRAFT

ANTI-SUBMARINE WARFARE
ATTACK
LIAISON
OBSERVATION
SEARCH/RESCUE
TRAINER
LIGHT LIFT TRANSPORT
MEDIUM LIFT TRANSPORT
HEAVY LIFT TRANSPORT
UTILITY
OTHER

5.2.3.3. DRONES/REMOTE PILOTED VEHICLES

SHORT RANGE
MEDIUM RANGE
LONG RANGE

5.2.3.4. SPECIAL PURPOSE

VERTICAL TAKEOFF/LANDING
VERTICAL/SHORT TAKEOFF/LANDING
AIR CUSHION

(Q) 5.2.1.1.13.SPECIAL FIELD EQUIPMENT - DELETE.

REASON: NO OTHER EQUIPMENT SHOULD BE CONSIDERED.

(R) 5.2.1.1.14. ELECTRONIC EQUIPMENT - ADD THE

FOLLOWING SUBDIVISIONS: "COMMUNICATIONS VEHICLE/SELF
PROPELLED," "COMMUNICATIONS VEHICLE/TOWED," "RADARS/SELF
PROPELLED" AND "RADARS/TOWED." REASON: RADARS AND
COMMUNICATION VEHICLES CONTRIBUTE SIGNIFICANTLY TO FORCE
CAPABILITY.

(S) THE US TEAM WILL BE PREPARED TO EXPLAIN THE
RATIONALE FOR THE COMMENTS AND WILL PROVIDE CORRECTIONS TO
THE LISTS OF EQUIPMENT ON 4 MAY.

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